

Title (en)  
FLEXOGRAPHIC PRINTING PLATE, ORIGINAL PLATE OF FLEXOGRAPHIC PRINTING PLATE, AND MANUFACTURING METHOD THEREFOR

Title (de)  
FLEXODRUCKPLATTE, ORIGINALPLATTE EINER FLEXODRUCKPLATTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
PLAQUE D'IMPRESSION FLEXOGRAPHIQUE, PLAQUE ORIGINALE DE PLAQUE D'IMPRESSION FLEXOGRAPHIQUE, ET SON PROCÉDÉ DE FABRICATION

Publication  
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Application  
**EP 16817756 A 20160620**

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Abstract (en)  
[origin: EP3318413A1] The present invention is to provide a flexographic printing plate having high ink transferability and making it possible to perform printing with a high ink density in a solid portion, a flexographic printing plate precursor, a method for manufacturing a flexographic printing plate, and a method for manufacturing a flexographic printing plate precursor. A flexographic printing plate of the present invention includes a relief layer including a non-image area and an image area having an uneven structure formed on a surface, in which the uneven structure is composed of recessed portions consisting of a plurality of grooves and projecting portions other than recessed portions, each of the plurality of grooves has a length of at least 30  $\mu\text{m}$ , all of the plurality of grooves are grooves having a line edge roughness in a range of 0.5 to 2.5  $\mu\text{m}$  in a region of 30  $\mu\text{m}$  of the groove in a longitudinal direction, a depth of the recessed portion is 5 to 25  $\mu\text{m}$ , and a ratio of the projecting portion is 5% to 60% of a geometric area of the uneven structure.

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Cited by  
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